

Review of: "Microbiological analysis of commonly consumed vegetables: A review on the ongoing studies"

Pooja Nikhanj

Potential competing interests: No potential competing interests to declare.

Abstract – Abstract is very well written but lacks the significance of techniques for identification of microbial pathogens and molecular identification techniques.

Introduction –

1. Introduction starting lines need to be reframed. It should start with some general introduction lines.
2. All the scientific names of microbial cultures and vegetables throughout the article are not in italics.
3. Author should also write about their research contribution to the studies taken under this review.

Food borne illness section:

1. Author should mention some standard guidelines like CODEX, FDA, FSSAI for permissible limits of microbial contaminants for the fresh vegetables
2. Under pathogen description of *E.coli* toxins information is scarce. Add it in detail in terms of their mechanism of action.

Pathogen identification section:

1. It highlighting only molecular techniques to identify pathogens, basic techniques also need to be mentioned to complete the information.
2. Add certain examples of biosensors.

Under Previous works on pathogen identification in fresh vegetables section:

1. Alongwith disease outbreak informations, add the epidemic scenario of the pathogens
2. Do not restrict the studies to the particular region, instead follow the hierarchy of outbreaks all over the world.

Under Prevalence of drug-resistant microorganisms in food section:

1. Elaborate this section with respect to new strain development because of multi drug resistant microorganisms.

Under Food safety and risk assessment section:

1. Add HACCP parameters to ensure the safety of fresh cut vegetables or minimally processed vegetables.
2. Add quality analysis parameters for production of fresh cut vegetables and their shelf life extension techniques.

Conclusion – need to be reframed after incorporation of suggestions.

FINAL REMARKS – Manuscript needs thorough revision (major revision) in terms of grammatical errors and language check and section description before get accepted for the publication.